

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN060319\
 Data File : VN055963.D
 Acq On : 3 Jun 2019 15:55
 Operator : JC/SP
 Sample : K3125-15
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 COMP-2

Quant Time: Jun 04 02:03:57 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N052319W.M
 Quant Title : SW846 8260
 QLast Update : Fri May 24 06:41:54 2019
 Response via : Initial Calibration

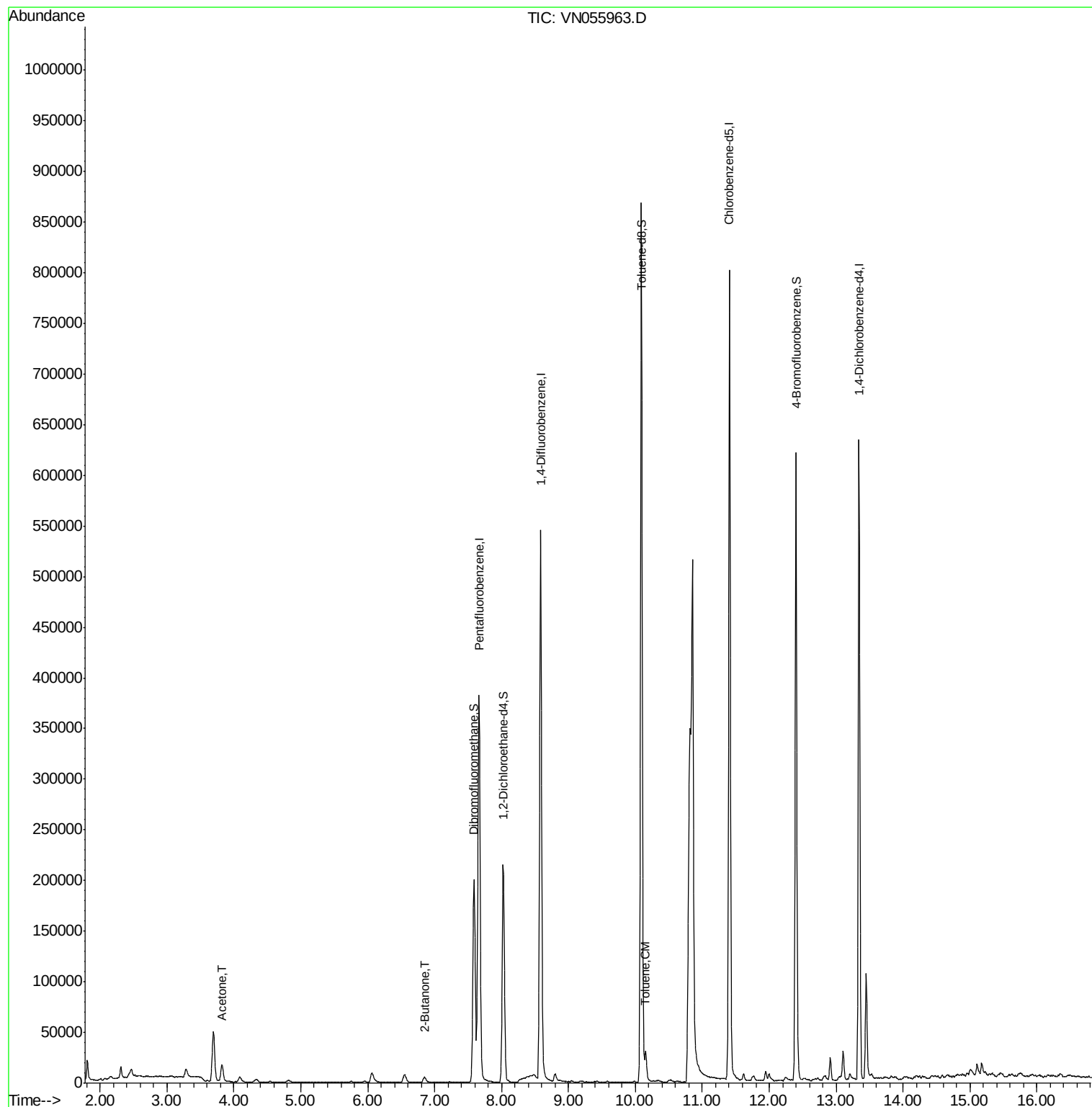
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.66	168	360655	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.58	114	538041	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	507954	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.34	152	188298	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.02	65	176183	47.30	ug/l	0.00
Spiked Amount 50.000			Recovery	=	94.60%	
35) Dibromofluoromethane	7.59	113	155149	45.61	ug/l	0.00
Spiked Amount 50.000			Recovery	=	91.22%	
50) Toluene-d8	10.09	98	646031	49.51	ug/l	0.00
Spiked Amount 50.000			Recovery	=	99.02%	
62) 4-Bromofluorobenzene	12.40	95	217809	48.68	ug/l	0.00
Spiked Amount 50.000			Recovery	=	97.36%	
Target Compounds						
16) Acetone	3.82	43	26908	16.435	ug/l	99
25) 2-Butanone	6.85	43	10428	4.561	ug/l	95
52) Toluene	10.16	92	10969	1.234	ug/l	95

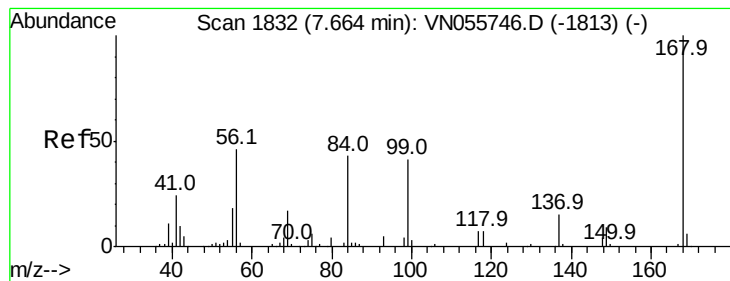
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
QLast Update : Fri May 24 06:41:54 2019
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.66 min Scan# 1832

Delta R.T. 0.00 min

Lab File: VN055963.D

Acq: 3 Jun 2019 15:55

Instrument :

MSVOA_N

ClientSampleId :

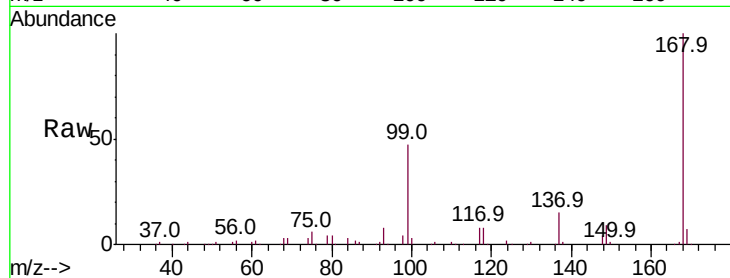
COMP-2

Tot Ion:168 Resp: 360655

Ion Ratio Lower Upper

168 100

99 46.7 37.2 55.8



Abundance Ion 167.90 (167.60 to 168.60): VN055746.D (-1813) (-)

Ion 98.90 (98.60 to 99.60): VN055746.D (-1813) (-)

7.66

150000

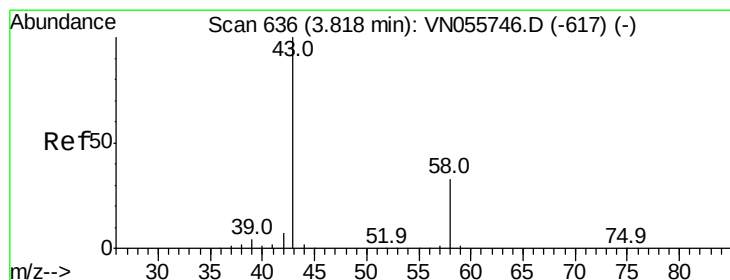
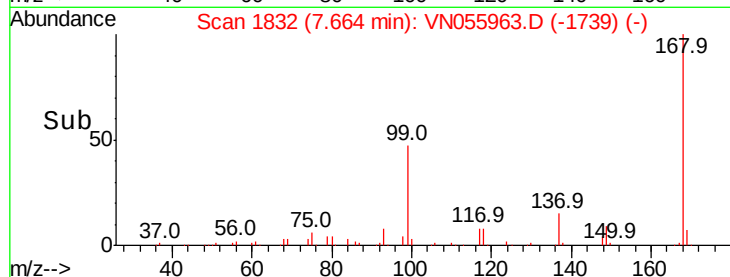
100000

50000

0

7.50 7.60 7.70 7.80

Time-->



#16

Acetone

Concen: 16.435 ug/l

RT: 3.82 min Scan# 637

Delta R.T. 0.00 min

Lab File: VN055963.D

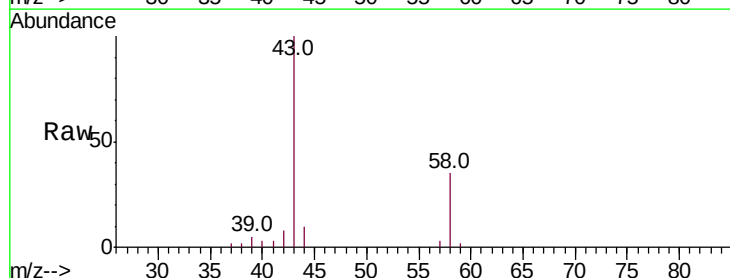
Acq: 3 Jun 2019 15:55

Tgt Ion: 43 Resp: 26908

Ion Ratio Lower Upper

43 100

58 32.9 26.6 39.8



Abundance Ion 43.00 (42.70 to 43.70): VN055746.D (-617) (-)

Ion 58.00 (57.70 to 58.70): VN055746.D (-617) (-)

3.82

30000

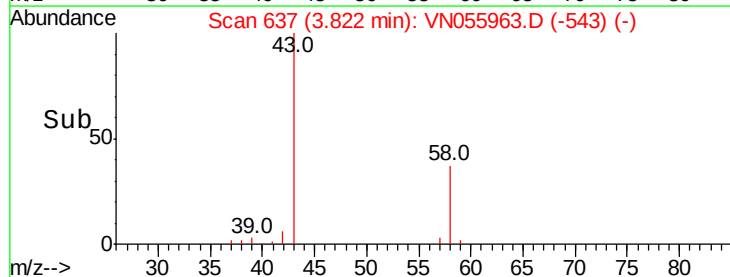
20000

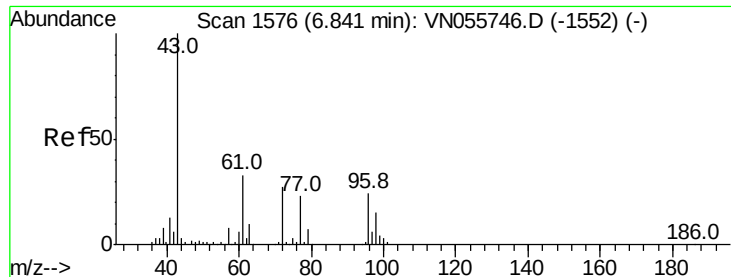
10000

0

3.70 3.80 3.90

Time-->





#25

2-Butanone

Concen: 4.561 ug/l

RT: 6.85 min Scan# 1579

Delta R.T. 0.01 min

Lab File: VN055963.D

Acq: 3 Jun 2019 15:55

Instrument :

MSVOA_N

ClientSampled :

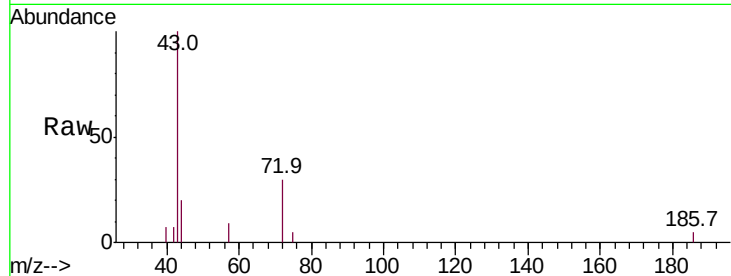
COMP-2

Tot Ion: 43 Resp: 10428

Ion Ratio Lower Upper

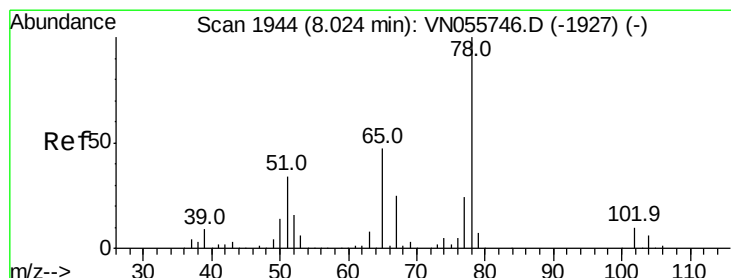
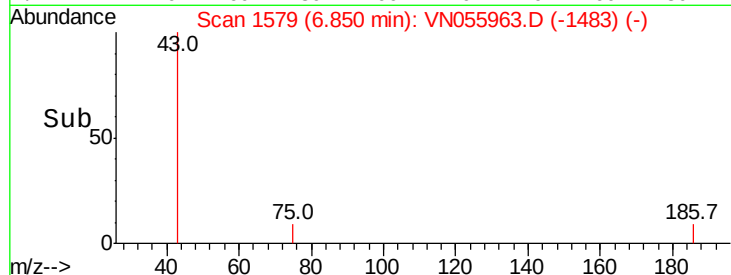
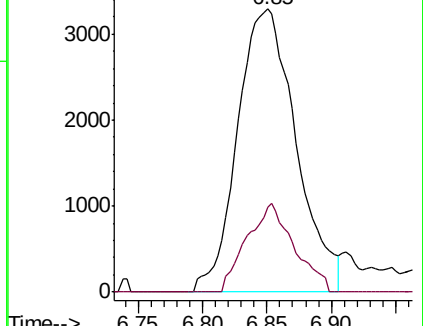
43 100

72 30.1 21.9 32.9



Abundance Ion 43.00 (42.70 to 43.70): VN055746.D (-1552) (-)

Ion 72.00 (71.70 to 72.70): VN055746.D (-1552) (-)



#33

1,2-Dichloroethane-d4

Concen: 47.303 ug/l

RT: 8.02 min Scan# 1944

Delta R.T. 0.00 min

Lab File: VN055963.D

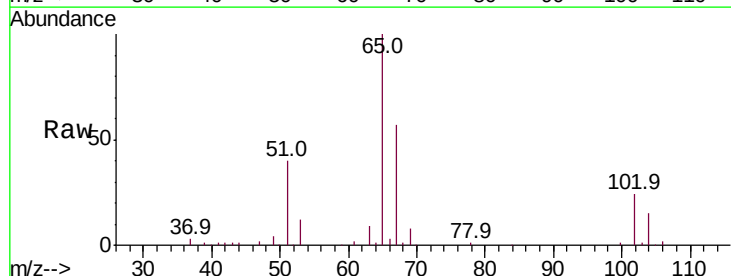
Acq: 3 Jun 2019 15:55

Tgt Ion: 65 Resp: 176183

Ion Ratio Lower Upper

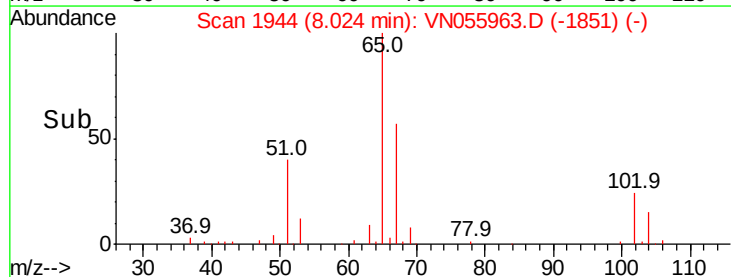
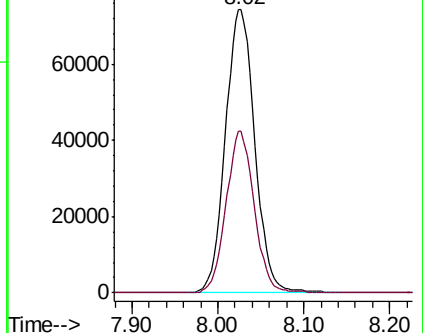
65 100

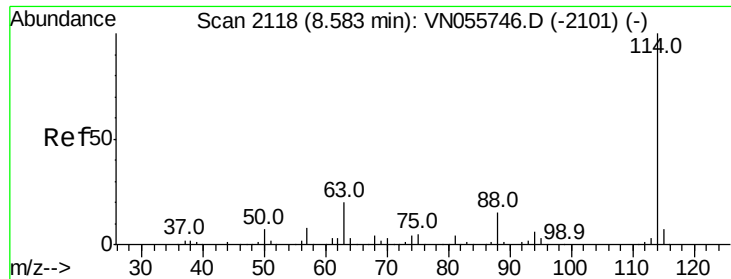
67 54.8 0.0 109.2



Abundance Ion 64.90 (64.60 to 65.60): VN055746.D (-1927) (-)

Ion 66.90 (66.60 to 67.60): VN055746.D (-1927) (-)

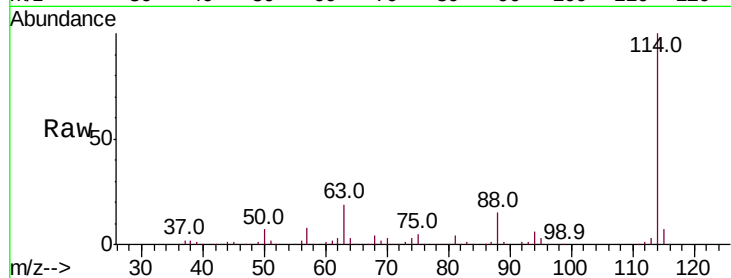




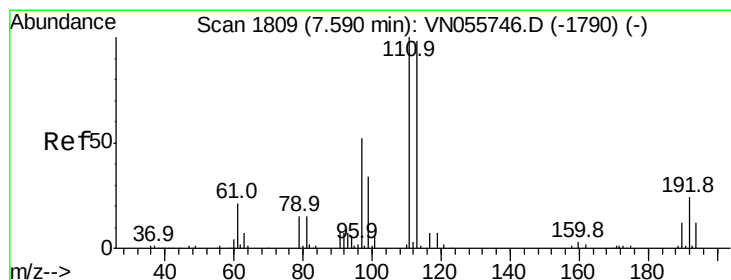
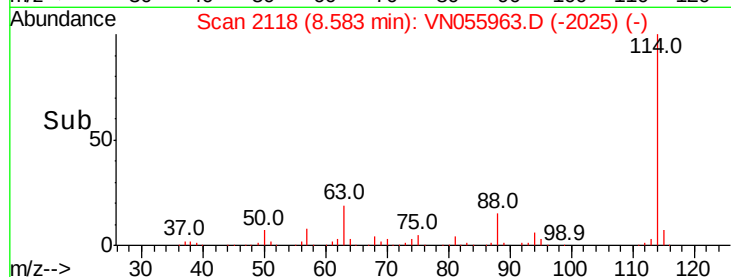
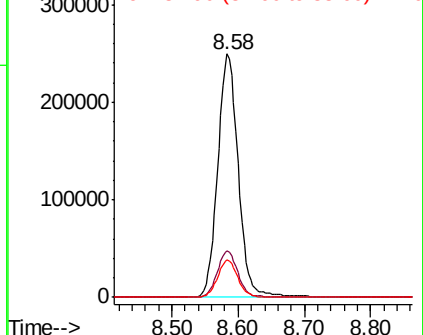
#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.58 min Scan# 2118
 Delta R.T. 0.00 min
 Lab File: VN055963.D
 Acq: 3 Jun 2019 15:55

Instrument :
 MSVOA_N
 ClientSampleId :
 COMP-2

Tot Ion:114 Resp: 538041
 Ion Ratio Lower Upper
 114 100
 63 19.0 0.0 39.2
 88 15.3 0.0 31.0

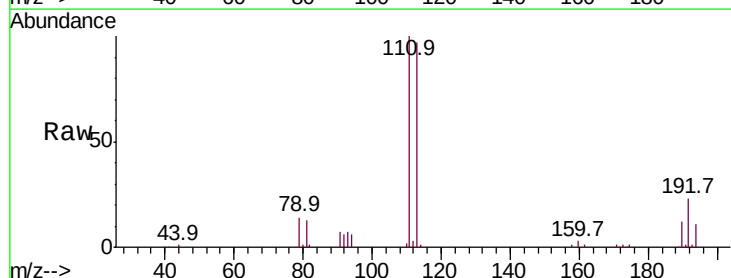


Abundance Ion 113.90 (113.60 to 114.60): V
 Ion 63.00 (62.70 to 63.70): VN
 Ion 87.90 (87.60 to 88.60): VN

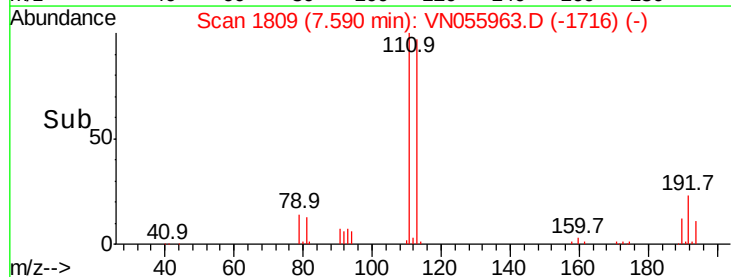
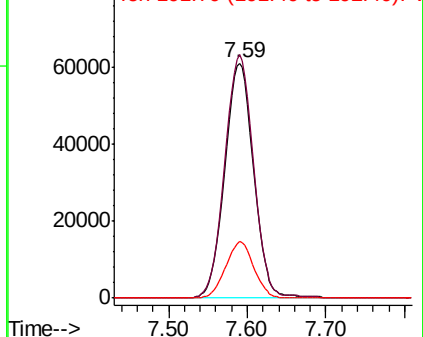


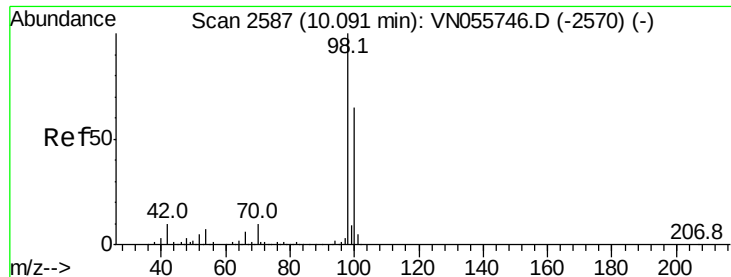
#35
 Dibromofluoromethane
 Concen: 45.610 ug/l
 RT: 7.59 min Scan# 1809
 Delta R.T. 0.00 min
 Lab File: VN055963.D
 Acq: 3 Jun 2019 15:55

Tgt Ion:113 Resp: 155149
 Ion Ratio Lower Upper
 113 100
 111 103.5 81.9 122.9
 192 23.3 19.5 29.3



Abundance Ion 112.80 (112.50 to 113.50): V
 Ion 110.80 (110.50 to 111.50): V
 Ion 191.70 (191.40 to 192.40): V





#50

Toluene-d8

Concen: 49.510 ug/l

RT: 10.09 min Scan# 2586

Delta R.T. -0.00 min

Lab File: VN055963.D

Acq: 3 Jun 2019 15:55

Instrument :

MSVOA_N

ClientSampleId :

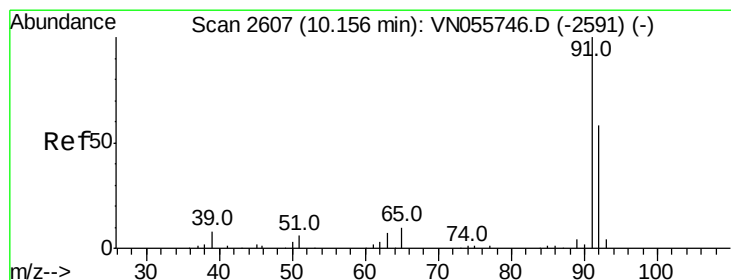
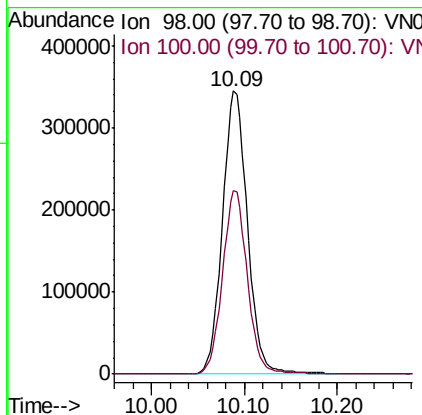
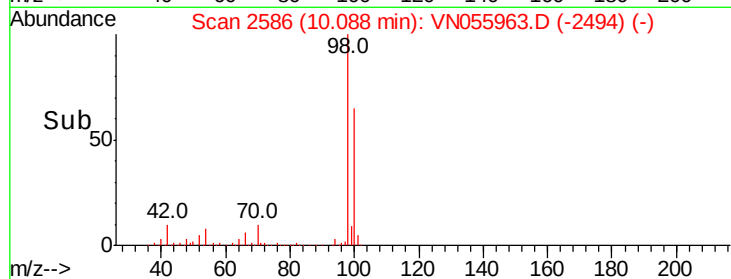
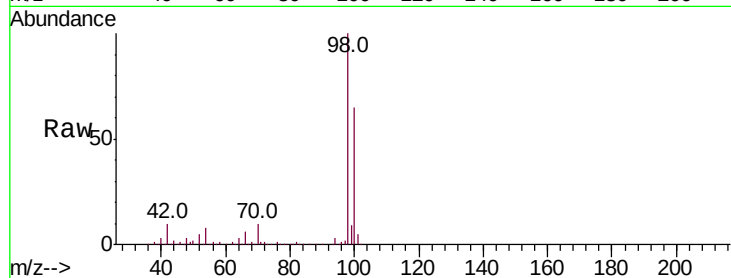
COMP-2

Tot Ion: 98 Resp: 646031

Ion Ratio Lower Upper

98 100

100 64.6 51.9 77.9



#52

Toluene

Concen: 1.234 ug/l

RT: 10.16 min Scan# 2607

Delta R.T. 0.00 min

Lab File: VN055963.D

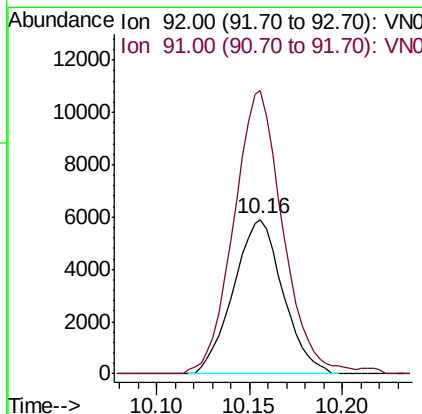
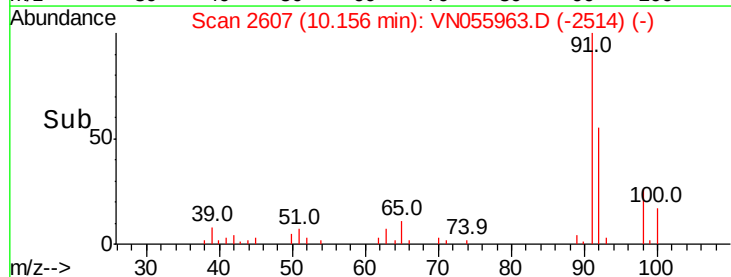
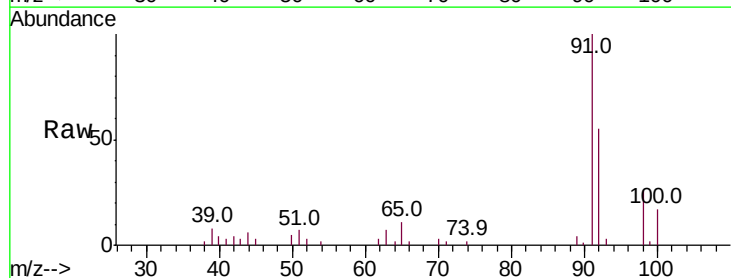
Acq: 3 Jun 2019 15:55

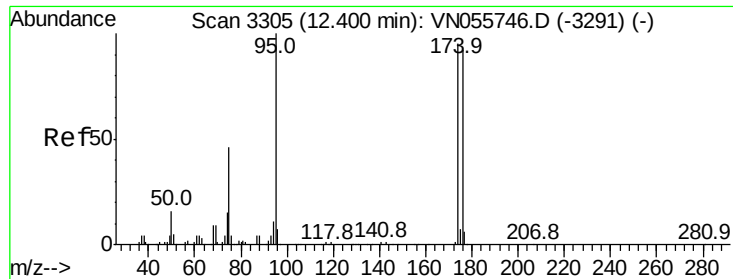
Tgt Ion: 92 Resp: 10969

Ion Ratio Lower Upper

92 100

91 181.0 139.4 209.2





#62

4-Bromofluorobenzene

Concen: 48.681 ug/l

RT: 12.40 min Scan# 3305

Delta R.T. 0.00 min

Lab File: VN055963.D

Acq: 3 Jun 2019 15:55

Instrument :

MSVOA_N

ClientSampleId :

COMP-2

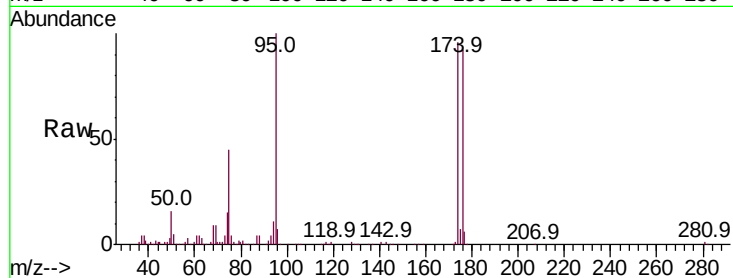
Tot Ion: 95 Resp: 217809

Ion Ratio Lower Upper

95 100

174 93.8 0.0 191.0

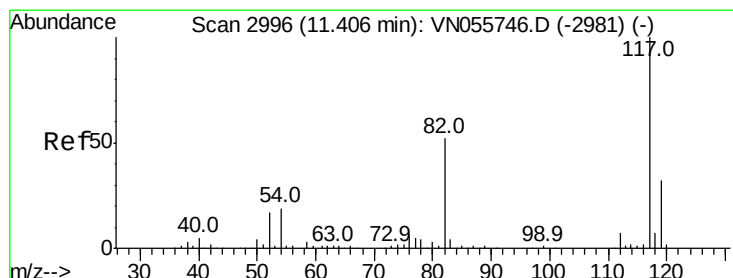
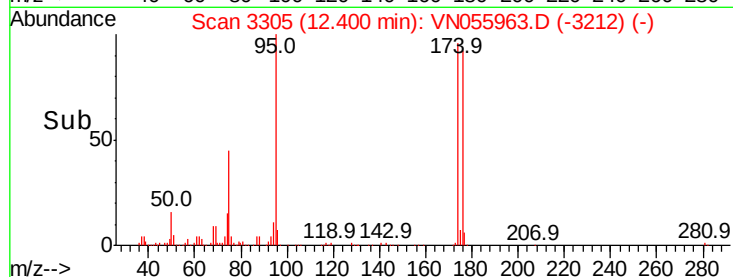
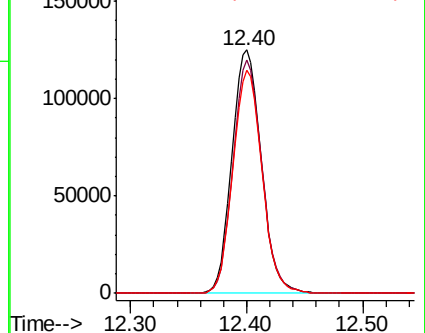
176 90.8 0.0 185.2



Abundance Ion 94.90 (94.60 to 95.60): VN0

Ion 173.80 (173.50 to 174.50): VN0

Ion 175.80 (175.50 to 176.50): VN0



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.41 min Scan# 2996

Delta R.T. 0.00 min

Lab File: VN055963.D

Acq: 3 Jun 2019 15:55

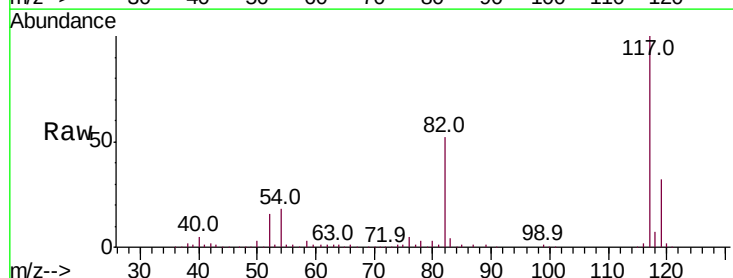
Tgt Ion: 117 Resp: 507954

Ion Ratio Lower Upper

117 100

82 52.0 41.8 62.8

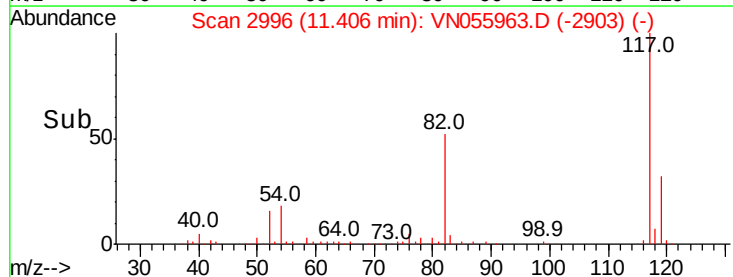
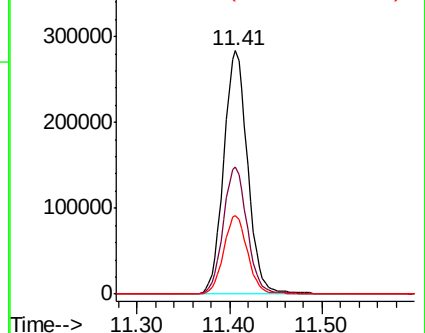
119 32.5 25.4 38.0

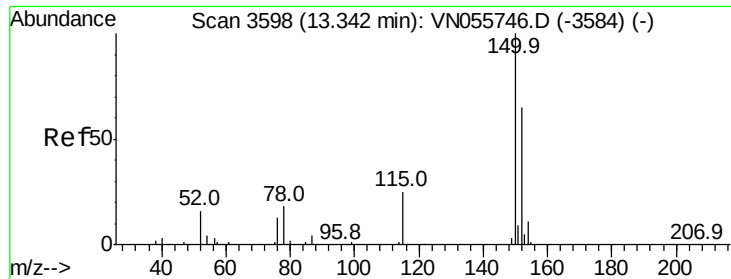


Abundance Ion 116.90 (116.60 to 117.60): VN0

Ion 82.00 (81.70 to 82.70): VN0

Ion 118.90 (118.60 to 119.60): VN0





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.34 min Scan# 3598

Delta R.T. 0.00 min

Lab File: VN055963.D

Acq: 3 Jun 2019 15:55

Instrument :

MSVOA_N

ClientSampleId :

COMP-2

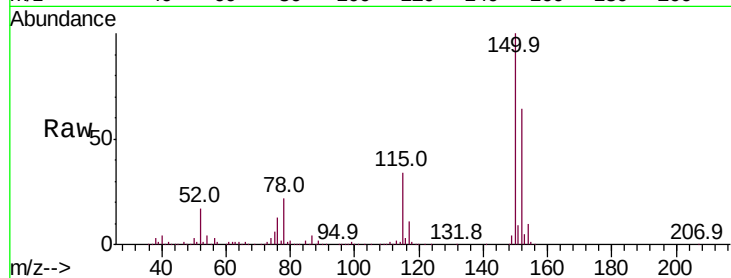
Tot Ion:152 Resp: 188298

Ion Ratio Lower Upper

152 100

115 53.8 27.0 81.0

150 155.6 0.0 343.2



Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V

